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Fig.1 Schematic view of extracellular matrix and proteoglycan

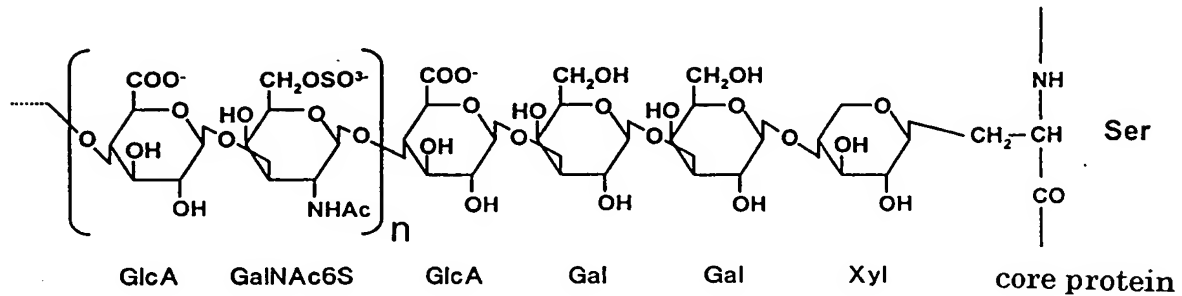
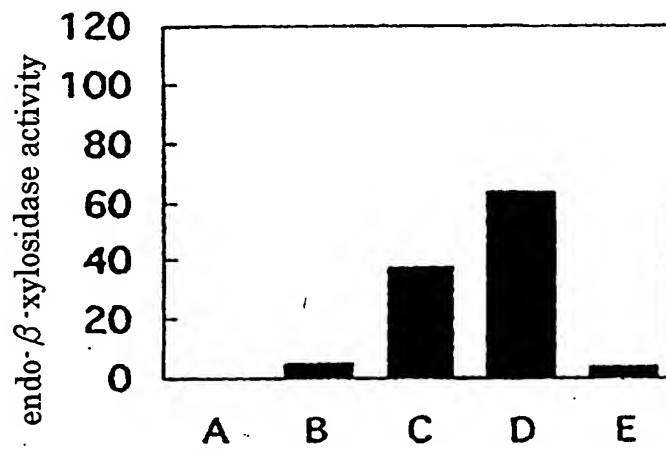


Fig.2 Comparison of endo- $\beta$ -xylosidase activity of various xylanases



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Fig.3 HPLC before and after MU-GAG hydrolysis by xylanase from  
*S. olivaceoviridis*

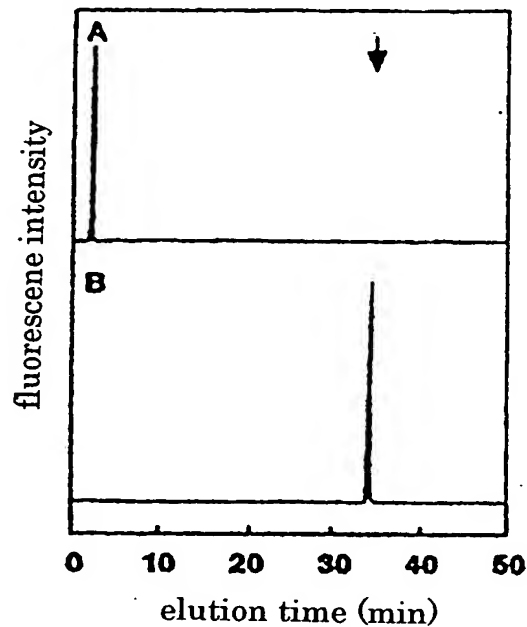
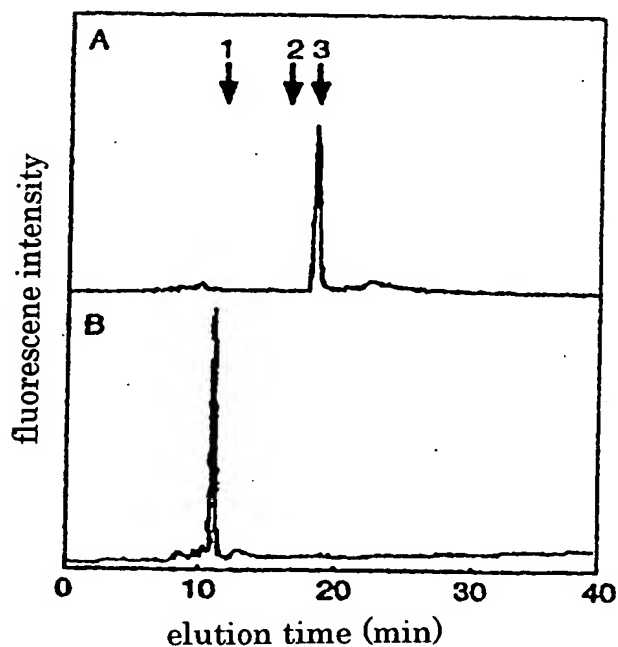


Fig.4 Analyzing results of reduction terminal of hydrolysis reaction  
product



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Fig.5 pH activity curve

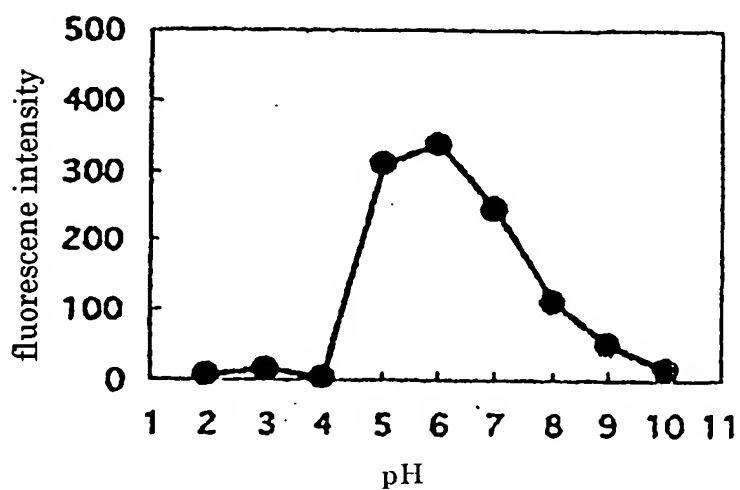


Fig.6 Change by time lapse

